

20030121.qrp v02_n807.qrl.20030121

Date: Tue, 21 Jan 2003 19:03:09 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2807

QRP-L Digest 2807

Topics covered in this issue include:

- 1) [144952] Re: Homebrew AM?
by wkhibbert@juno.com
- 2) [144953] Re: Overseas orders for EMRFD
by "John J. McDonough" <wb8rcr@arrl.net>
- 3) [144954] Re: Homebrew AM?
by "Jay Bromley" <w5jay@cox-internet.com>
- 4) [144955] A "THANKYOU" To All The Guy's With.....
by "Andy GM0NWI" <gm0nwiqrp@btopenworld.com>
- 5) [144956] 40M ant - match & cut
by Mark Tyler <k5gq@juno.com>
- 6) [144957] THE IMPOSSIBLE HAPPENS
by hamjoel@juno.com
- 7) [144958] Anotmer Rockmite 40
by "Lee Mairs" <lmairs@direcway.com>
- 8) [144959] Re: Homebrew AM?
by "George, W5YR" <w5yr@att.net>
- 9) [144960] Re: Homebrew AM?
by William R Colbert <w5xe@juno.com>
- 10) [144961] RC filters on amps
by "Richard Johnson" <richard_johnson@credence.com>
- 11) [144962] Homebrew AM....
by Claude <mck20@yahoo.com>
- 12) [144963] Re: Homebrew AM?
by Steve Smith <sigcom@juno.com>
- 13) [144964] Norcal Noreaster + problems
by Steven Weber <kd1jv@moose.ncia.net>
- 14) [144965] Re: A "THANKYOU" To All The Guy's With.....
by W2AGN <w2agn@w2agn.net>
- 15) [144966] Re: Elecraft QSO Party
by "john_k7fd" <john_k7fd@cablespeed.com>
- 16) [144967] Re: 40M ant - match & cut
by "Tom Pennebaker" <n4rs@netpath-rc.net>
- 17) [144968] Re: Homebrew AM?
by "Bob Okas" <vintage2@earthlink.net>
- 18) [144969] Re: Elecraft QSO Party
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 19) [144970] Need help ID'ing the era of a Mic.

- by Wayne Scace <k9di@earthlink.net>
- 20) [144971] SMT Caps
by "brian" <brian@iquest.net>
- 21) [144972] FOX: AC7A FOX 01-23-03 (local)
by ac7a@earthlink.net
- 22) [144973] 2 transistor GDO?
by David Hinerman <WD8CIV@worldnet.att.net>
- 23) [144974] Re: Homebrew AM?
by "Bob Tellefsen" <n6wg@earthlink.net>
- 24) [144975] Re: RC filters on amps
by "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
- 25) [144976] Re: 2 transistor GDO?
by Ed Tanton <n4xy@earthlink.net>
- 26) [144977] Re: Homebrew AM?
by "res075cz" <res075cz@gte.net>
- 27) [144978] Homebrew AM?
by Barry N1EU <n1eu@yahoo.com>
- 28) [144979] QRP ARCI Forwards Virus
by "Don Foster" <k5kw@geotec.net>
- 29) [144980] F.S. LDG AT-11MP antenna tuner
by "Joe W2KJ" <w2kj@bellsouth.net>
- 30) [144981] V51AS
by "Joe W2KJ" <w2kj@bellsouth.net>
- 31) [144982] WTB Atlas-210 X for parts
by "Chetan Bhargava" <wiz@bhargavaz.net>
- 32) [144983] Resistive Attenuator between DDS VFO and SA602AN
by k4vib@att.net
- 33) [144984] Fw: [QRP ARCI DOES NOT Forward Virus]
by "Don Foster" <k5kw@geotec.net>

Date: Mon, 20 Jan 2003 16:38:43 -0500
From: wkhibbert@juno.com
To: n1eu@yahoo.com, qrp-l@lehigh.edu
Subject: [144952] Re: Homebrew AM?
Message-ID: <20030120.163844.-655177.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Barry. Keith here in the Depths of the Great Bergen Swamp

Look around for a copy of the ARRL "Mobile Manual", or browse through the 1946 - 1965 QST's if you have them on CD. The Dead Tree copies would also work.

There were many small mobile transmitters in this class back then. Even

W1FB had a 160M AM transmitter that used 3 6AQ5 tubes. It fit in a 4 x 5 x 6 minibox, meter & all.

I have the "Mobile Manual" , but have not been able to dig it out of the mess in the shack in a bit. If I can find it, I'll get some specifics.

Keep in mind, the power level on AM is defined as PEP being equal to 4x the carrier, so QRP AM is really 1.25 watts carrier out...

73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Mon, 20 Jan 2003 17:18:37 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <kanga@bright.net>
Subject: [144953] Re: Overseas orders for EMRFD
Message-ID: <004e01c2c0d1\$e2aa3aa0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
Subject: Overseas orders for EMRFD

[snip]

> BTW - this new book has put me on a first name basis with the folks at the
> Publication Dept. at ARRL - they are well aware of the response for this
book
> from the QRP Community - Thanks guys!

I assume you'll have a good supply at FDIIM!!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Mon, 20 Jan 2003 18:16:56 -0800
From: "Jay Bromley" <w5jay@cox-internet.com>
To: <n1eu@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144954] Re: Homebrew AM?
Message-ID: <02f901c2c0f3\$2c44fda0\$a1b3b4d0@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Barry also ask some of the old timers to borrow some of their mobile handbooks from CQ/Bill Or, etc. Tons of great designs and fun in these old books.

73 de w5jay..

> Would appreciate any pointers to plans for a ~5W
> homebrew plate modulated xtal controlled AM xmitter
> for any of the hf bands.
>
> Tnx & 72/73,
> Barry N1EU
>
>
> -----
> Do you Yahoo!?
> Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
> <http://mailplus.yahoo.com>
>

Date: Tue, 21 Jan 2003 01:24:34 -0000
From: "Andy GMONWI" <gm0nwiqrp@btopenworld.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144955] A "THANKYOU" To All The Guy's With.....
Message-ID: <003301c2c0eb\$f00c7130\$055bfea9@GMONWILAPTOP>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guy's

Would just like to say, a HUGE "Thankyou" to each and everyone of you, out there....
that in the last few days, has offered their respective "services" and "thoughts" into helping me with the enquiry's I had regarding the "Hallicrafters S38", and the "iLink" problem,
that both, myself, and a good friend of mine Andy McIntyre MM3USU, had here in "Bonnie Scotland"

I am glad to say, that I have now, passed on ALL your e-mail suggestions, to Andy, on the "Hallicrafters S-38 Ressurrection Project", (he doesnt know how to tell which model of S-38 he has.....no back plate on it...?) and I am sure that, as we speak regularly, here on our 2m "net", that Andy will keep me intouch with his progress....

Thanks A Million...!! From me, guys, personally,.....for "coming through" on this one,
it means a lot to me, that I a "humble newbie" who, I know, will never reach the heights of "homebrew" that you guys are at.....could be of service, through yourselves, to a good friend of mine, who only got his licence at the end of last year....

Also,... I would like to take this opportunity to say "thanks" again, on behalf of myself....
for you wonerful response to my "iLINK" enquiry of yesterday,.....BOY!! that was hard going, tryin' to find a site for download....many of you sent me "links" and "answers" to this problem, but I have to "thank" one guy in particular....

YES...!!! It's YOU Mr John L. Sielke W2AGN....what a guy...!! He actually SENT ME THE PROGRAMME !!!!! as an "attachement", took a bit to download John,but HEY!
thanks buddy....its here now.....

I also recognise, all of the others who wrote to say, that indeed "iLINK" is a bit "outdated" at this time, and most folks are now running "EchoLINK", of which I am aware, but I was "playing around" at another "ham" buddys last night with "iLINK" and I think its still worthy of having around on the Laptop...

So John, if ever you or ANY of the other guy's here on the list, are ever in "Bonnie Scotland", look me up in the callbook.....there will always be a cup of "scottish blend" tea and some food, waiting for y'all when you get here....(what a "buzz" that would be for me....to have an American "ham" visit my home....!!! I can tell y'all for sure....)

One or two other things to mention,and that is again, to say.....a HUGE "Double Thankyou", each and every one of you "out there", for your kind generosity, and help, in offering me the various "small kits" that I was "cruising" around the list for, around the festive time of year....I have received all but one, of them now, and are looking forward to getting around to building them in the near future.....always wanted to be able to "try my hand" at milliwatting,.....so it should be fun....

The "Altoids" thing...well...you guys are just "plain lucky" that your grocery store sells me regularly, they are for me in this area (stirling) are pretty hard to come by, but a local big store has started to sell new "mints" with a real nice tin enclosure, they were posted on the GQRP reflector.....think they are called "ozone" so will try and get some of those for the "small kits" that I have here...but "thanks" for the help anyway....

Do wished that I could get hold of a Ten Tec 290 Attenuator tho'.....

The list of things, that you guy's.....have helped me with, and aquire, is too long for this "bandwidth", you ALL know who you are, so if I have left anyone out (Howard K2UD,.....Micheal N4NMR..... Don Foster K5KW....Max Moon (will be intouch soon....I promise), Lee Hopper KD7CTF (write you soon in a few days).....and last BUT NOT by any means least.....my "mate", and all the other things that this guy is to MEandeach and every one of us.....Mr Mike Czuhajewski WA8MCQ... YOU "my friend" are a true gentlemen to me, one of a kind

All who without,.....I would personally have "struggled" in the last few months,.....I take this opportunity, to say, "thankyou", for your kindness, and generosity to me over the last few months.....it really is appreciate...

more than you will ever come to know....

What a "truly fantastic bunch of boys" we have here on the QRP-L,.....I personally hope, that the list continues, to be an "inspiration" to each and everyone of us.....for many years to come....think it was Ed Hare, that started all of this way back in 92'.....who would have thought, that it would have come to be such a great "family" to be a member of.....that the content and sheer "compadrie" among us would grow to such a thing...."only thing is....I live in the wrong countryto have the maximum QRP fun..." (ode for a lottery win.. so I could buy that house in Montana or Florida... mmm...!! BIG Towers/Antenna's...!)

I can only hope that any future "?s" that I may "post" to the list, are "worthy of a little attention", so that I may strive to learn as much as I can about the "Wonderful World.....And Joy's.....Of ..QRP."

Cheers for "having me around guys".....it' been an honor and a pleasure....

As a "famous" ham here on the list says regularly....."Back In My Hole..."

" Greetings From Bonnie Scotland..." gm0nwiqrp@btopenworld.com

72's, 73's

"..Badda-Bing..Badda-Boom.."

Andy

A.R.S.

"..It is vain to do with more....

"A Dis-Orientated Kiwi...

GM0NWI QRP

what can be done with less..."

In The Northern Hemisphere..."

GQRP No.9576

QRP-L No.2165

Alaskan QRP Club No.190

ICQ No.31899603

Date: Tue, 21 Jan 2003 01:40:30 GMT
From: Mark Tyler <k5gq@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [144956] 40M ant - match & cut

Message-ID: <20030120.204122.5926.995305@webmail6.nyc.unttd.com>

I am having trouble using the MFJ antenna analyzer for a 40M ground plane. I could not see a dip from 3 to 10 Mhz.

The analyzer works fine with the 40M dipole.

RG-59 is hung from the mast on top of the tower. The coax end is not easy to get to. (The mast supports the TH7DXX and the support wires.) The top is close to 30+ feet.

The initial test did not include a counter poise. From the analyzer the center pin was tied to the RG59 shield and the shield from the analyzer went to the earth ground. I will try with a 1/4 wave piece of wire tied at the ground point.

I do not want to try using a gamma match and to the grounded tower. I do not know what the efficiency of a system using the gamma match versus a resonance length system is.

I have a dipole at 20 feet running NNW to SSE; 20 off of N.
To work the states better I think the verticle would be the one to use.

Suggestions?

Mark
K5GQ/M

Date: Tue, 21 Jan 2003 01:48:20 GMT
From: hamjoel@juno.com
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [144957] THE IMPOSSIBLE HAPPENS
Message-ID: <20030120.174848.568.192200@webmail2.wlv.unttd.com>

High y'all

I finally got the other element on the antenna this day...
it's about ten feet lower than the dipole was...

so far I listened to the 3905 net on 40 meters and have heard all they called

from cal to fla, including the dakotas, utah...

I make one qso on the east coast cw and we chatted for about 30 minutes... stations sound loud....

in case u forgot to remember

I'm using two two element yagi's side by side up about 30ft on forty meters... wire, rope, dowel rod ant...between two trees...

don't kneaux what to expect from it and so far its exciting...

ke1la joel

in maine

KE1LA JOEL

IN MAINE

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Date: Mon, 20 Jan 2003 21:12:25 -0500

From: "Lee Mairs" <lmairs@direcway.com>

To: "qrpl" <qrpl@Lehigh.EDU>

Subject: [144958] Anotmer Rockmite 40

Message-ID: <002001c2c0f2\$8ec2e0b0\$3b6d020a@boomer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Finally finished my RM 40 this morning. It almost worked right out of the gate, but I'd used a monaural switched jack for the keyer line rather than a stereo jack. I didn't take long to figure it out and luckily I had a few stereo jacks from an earlier Mouser order in my junk box.

First qso was with Roger, WA2FOD in Perry, NY, about 300 miles from here for a 1,000 miles per watt success on 40 meters. He answered my first 2X2 CQ and gave me a 559. Had a nice qso, and then on signing Fritz, K2KK in Syracuse immediately called me. He was using all old tube gear running 10 watts.

The wide bandwidth reminded me of my novice days 40 years ago trying to work 40 meters with my Command receiver. Great fun, and my hat again is off to Dave at Small Wonders Lab. Where else can you get this much fun for so QRP

dollars?

Now back to my Quickie Lab project.

73 de Lee
KM4YY

Date: Mon, 20 Jan 2003 20:16:07 -0600
From: "George, W5YR" <w5yr@att.net>
To: <w5jay@cox-internet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144959] Re: Homebrew AM?
Message-ID: <008b01c2c0f3\$10215100\$0201a8c0@fairviewtx.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Although I posted earlier that it was "no problem" to adapt modern designs for "Plate Modulation" I should have emphasized that comparable operations upon solidstate finals is a somewhat different ballgame than with tubes. As long as the unique differences between fire-bottles and "smart sand" are kept in mind, it really isn't that big a deal.

Barry, many of the mobile rigs in the 40's were simple 5-10 watt AM rigs on 10 meters running off little dynamotors with a 6L6 oscillator driving maybe another 6L6 or a more modern war-surplus tube with a dual power triode of some sort as the modulator stage. The surplus T-17B carbon hand mic was the standard mic for most of us. They were 25 cents each in overseas packing! A lot of those early rigs were screen-modulated instead which worked fairly well. . . lots of memories there! <:}

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

----- Original Message -----
From: "Jay Bromley" <w5jay@cox-internet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 20, 2003 8:16 PM

Subject: Re: Homebrew AM?

> Barry also ask some of the old timers to borrow some of their mobile
> handbooks from CQ/Bill Or, etc. Tons of great designs and fun in
these old
> books.

Date: Mon, 20 Jan 2003 19:17:12 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu, n1eu@yahoo.com
Subject: [144960] Re: Homebrew AM?
Message-ID: <20030120.191713.-274493.18.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Besides the mobile handbooks of old,
another of the books to look for is by
Ed Noll, W3FQJ, Radio Transmitter Principles
and Projects. It has some solid state transmitters,
some hybrid and a fair amount of tube type in the
5-10 watt range. 6CL6, 12by7, 6CM6 are some
of the tube types used. ISBN is: 0-672-24031-9,
Library of Congress number: 73-78538, Howard
W. Sams, Editor and Engineers division.

Neat little book.

73
Ray

Date: Mon, 20 Jan 2003 18:22:18 -0800
From: "Richard Johnson" <richard_johnson@credence.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144961] RC filters on amps
Message-ID: <3E2CAEDA.ED82A214@credence.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

People:

Am looking for insight into the RC filter placed on the power terminal of op-amps, MC1350 IF amps and transistor RF & AF amplifier stages.

In detail there is a R between +12 volts and the Vcc terminal and a C, bypass cap from the amp terminal to ground. The R can be from 10 to 150 (what i've seen). The C can be from 0.001uF to 100uF.

My first level of understanding is pick the RC as a filter to cut down the RF from getting into the device or isolating each stage from the other. Another idea is to pick the R such that it does not drop too much voltage.

Now what are other considerations for picking the values of the R and C?

cheers,
rich

Date: Mon, 20 Jan 2003 18:30:00 -0800 (PST)
From: Claude <mck20@yahoo.com>
To: qrp-l@lehigh.EDU
Subject: [144962] Homebrew AM....
Message-ID: <20030121023000.70558.qmail@web40706.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Barry,
AM phone (fone) has been an interest of mine
also, here are some good sites that may be what you
are looking for.....
Hope these sites work out.....

72's Claude WB4WHH

<http://www.amfone.net/21stAM/amfhome.htm>
<http://www.amfone.net>
<http://www.amwindow.org/wwwboard/wwwboard.html>

<http://www.amwindow.org/tech/htm/series.htm> 5 watt
AM rig....

<http://www.amwindow.org/tech/htm/eltx.htm> 10 watt
AM rig....

<http://www.amwindow.org/tech/htm/k1etppw.htm> 5 watt

AM rig....

> ----- Original Message -----
> From: "Barry N1EU" <n1eu@yahoo.com>
> To: "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Sent: Monday, January 20, 2003 1:01 PM
> Subject: Homebrew AM?
>
>
> > Would appreciate any pointers to plans for a ~5W
> > homebrew plate modulated xtal controlled AM
> xmitter
> > for any of the hf bands.
> >
> > Tnx & 72/73,
> > Barry N1EU
>
>

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Date: Mon, 20 Jan 2003 18:47:17 -0800
From: Steve Smith <sigcom@juno.com>
To: n1eu@yahoo.com
Cc: qrp-l@Lehigh.EDU
Subject: [144963] Re: Homebrew AM?
Message-ID: <20030120.184717.4088.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Barry and group,

That's easy. See <http://amwindow.org/tech/htm/pw.htm>

My favorite is the Series Modulated Rig, two 6AQ5s.

Have fun!

73.....Steve Smith, WB6TNL
Oxnard, CA USA
"Snort Rosin"

On Mon, 20 Jan 2003 11:01:43 -0800 (PST) Barry N1EU <n1eu@yahoo.com>
writes:

> Would appreciate any pointers to plans for a ~5W
> homebrew plate modulated xtal controlled AM xmitter
> for any of the hf bands.
>
> Tnx & 72/73,
> Barry N1EU
>
>
> -----
> Do you Yahoo!?
> Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
> <http://mailplus.yahoo.com>
>
>

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Date: Mon, 20 Jan 2003 21:51:16 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [144964] Norcal Noreaster + problems
Message-ID: <3.0.6.32.20030120215116.007bd240@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It seems a bunch of you have just gotten around to building the Nor'easter,
and there is still probably a whole bunch more that haven't yet.

There is an erratum on my web page, correcting the errors in the
instructions and a copy of the missing parts layout sheet.

Common problems:

D1 in backwards. There should be about 400 mv across the diode, if not,
it's in backwards and you will not get any audio.

L3 has 16 turns and L4 has 10 turns.

The 2.48 volts noted for the Q1 emitter should actually be the base voltage, the emitter is 1.8 something.

I have looked at several boards people could not get to work. In all cases the problems were found to be bad or missing solder connections. In one case Q1 was damaged, when the iron slipped and broke the lead inside the package. So, this is definitely the place to start. Everyone so far seems to have gotten the parts in the right place :-)

It is difficult to trouble shoot via email. I do my best, but most of the time all I can say is check the solder connections!

Worse comes to worse, I'm happy to fix the radio for you. But it will cost you \$10.00 plus \$2.00 to mail it back!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 20 Jan 2003 22:07:28 -0500
From: W2AGN <w2agn@w2agn.net>
To: gm0nwiqrp@btopenworld.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144965] Re: A "THANKYOU" To All The Guy's With.....
Message-ID: <3E2C7320.17649.CCC0E7F@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 21 Jan 2003 at 1:24, Andy GM0NWI wrote:

>
> So John, if ever you or ANY of the other guy's here on the list, are ever in
> "Bonnie Scotland",
> look me up in the callbook.....there will always be a cup of "scottish
> blend" tea and some food,
> waiting for y'all when you get here....(what a "buzz" that would be for
> me....to have an American
> "ham" visit my home....!!! I can tell y'all for sure....)

You would have to promise, in WRITING! NO Haggis!!

+-----+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Mon, 20 Jan 2003 19:47:46 -0800
From: "john_k7fd" <john_k7fd@cablespeed.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144966] Re: Elecraft QSO Party
Message-ID: <000d01c2c0ff\$dc52c2c0\$3801a8c0@xppc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I see they have a section for 'commonly asked questions'...

...is this similar to 'frequently asked questions'? :)

73 John K7FD

----- Original Message -----

From: "W2AGN" <w2agn@w2agn.net>

Subject: Elecraft QSO Party

> There is a proposed Elecraft QSO Party scheduled for March 8-9th. Since
> the rules are copyrighted material (no kidding!), I can't post them here.
>
>
> They are available at:
>
> <http://www.linuxcolumbus.com/eqp.pdf>

Date: Mon, 20 Jan 2003 22:53:27 -0500
From: "Tom Pennebaker" <n4rs@netpath-rc.net>

To: <k5gq@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144967] Re: 40M ant - match & cut
Message-ID: <001b01c2c100\$a88a6c80\$79c36bd1@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am having trouble using the MFJ antenna analyzer for a 40M ground plane. I could not see a dip from 3 to 10 Mhz.

The analyzer works fine with the 40M dipole.

RG-59 is hung from the mast on top of the tower

Mark, RG-59 is 70 ohm coax used in the TV industry. Don't think that is your problem but you will have a mismatch.....

Date: Mon, 20 Jan 2003 19:56:23 -0800
From: "Bob Okas" <vintage2@earthlink.net>
To: <n1eu@yahoo.com>
Cc: <qrp-1@lehigh.edu>
Subject: [144968] Re: Homebrew AM?
Message-ID: <FHEJJJPJADNLFNJB0FAAEICDAA.vintage2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Barry and the group:

Check out the AM window at www.amwindow.org . There are several 5 watt designs there; some don't even require mod iron.

73,
Bob - W3CD

Barry wrote:

> Would appreciate any pointers to plans for a ~5W
> homebrew plate modulated xtal controlled AM xmitter
> for any of the hf bands.

> Tnx & 72/73,
> Barry N1EU

Date: Tue, 21 Jan 2003 07:12:50 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: john_k7fd <john_k7fd@cablespeed.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144969] Re: Elecraft QSO Party
Message-ID: <20030121071121.R96735-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 20 Jan 2003, john_k7fd wrote:

> I see they have a section for 'commonly asked questions'...

The must have forgotten the -
com-manly asked questions
The queries posed by male communicators

Thom

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and DrakeList
http://www.tlchost.net	Web Hosting as low as \$3.49/month

Date: Tue, 21 Jan 2003 07:42:04 +0000
From: Wayne Scace <k9di@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144970] Need help ID'ing the era of a Mic.
Message-ID: <5.1.0.14.0.20030121074153.036fabe0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,
Wayne K9DI es Sequoia here. I was talking with Fred W2XN the
other day es he said he had an old Astatic D-104. He'd like some help

ID'ing what era it comes from, and attempting to figure out it's fair market value.

Metal tag on top of element shows Astatic Corp, Conneaut, Ohio SN B605469 - no PTT switch on it and the wires are soldered to lugs on the bottom of the element. Fred has put pics up here:

<http://w2xn.topcities.com/d104/>

Pse contact Fred at w2xn@att.net if U can help or have suggestions.

73/72

de

Wayne K9DI

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net

LICQ# 315313

FPQRP-L# 217

<http://www.qsl.net/k9di>

Date: Tue, 21 Jan 2003 09:15:25 -0500

From: "brian" <brian@iquest.net>

To: "QRP-L" <qrp-l@lehigh.edu>, "Flying Pigs" <fpqrp-l@fpqrp.com>

Subject: [144971] SMT Caps

Message-ID: <000701c2c157\$8bf3ee50\$3d05080a@cincom.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have obtained a quantity of 390pf SMT ceramic caps. In the size of 1206.

I have about 2500 more than I need.

If interested, send a SASE and one dollar and I'll send you 150 pieces for your junk box.

My address is good on www.qrz.com

73 de KB9BVN

=====

KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Tue, 21 Jan 2003 06:26:42 -0700 (MST)
From: ac7a@earthlink.net
To: qrp-l@lehigh.edu
Subject: [144972] FOX: AC7A FOX 01-23-03 (local)
Message-ID: <5827658.1043159202626.JavaMail.nobody@daisy.psp.pas.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy Hounds,

It is my pleasure to be the FOX one more time this season. Look for me transmitting near 7.042, starting at 0200 UTC, 01-23-03 (local). I plan to listen for the hounds around 7.044 or 7.045, however, QRM may dictate a different split. The QRM during recent hunts has been very heavy out this way.

Regards, Thomas - AC7A (Tucson)

Date: Tue, 21 Jan 2003 11:21:01 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [144973] 2 transistor GDO?
Message-ID: <5.1.1.6.1.20030121111753.00a6a1c0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

I ran across a schematic on the Web of a dip oscillator that uses 2 JFETs in a multivibrator configuration:

<http://www.qsl.net/iz7ath/web/02_brew/15_lab/02_dipper/english/pag08_eng.htm>

Are there any advantages to doing this instead of a more traditional single-device oscillator?

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 21 Jan 2003 08:26:05 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [144974] Re: Homebrew AM?
Message-ID: <MABBJOEABOILMKCJCLFCAENFDPA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Barry
During my college years in Seattle I ran 4w AM mobile with a Webster
BandSpanner
mobile antenna. Wonder if anyone still remembers those? I worked all over
the
Northwest in the middle of the day with that rig.

Anyway, the rig was a 6AU6 xtal oscillator driving a 5763 PA, and modulated
by a
pair of 6AQ5s in push-pull. I used a carbon mike with a transformer
designed to
drive the push-pull 6AQ5 grids directly from the carbon mike output.

I took power from the 200v 100ma power supply in my Gonset mobile
receiver. Worked out very well.

This was a pretty common lineup at the time. You can probably find
variations on
it in many of the Handbooks from the 50's and 60's as well as the ham
magazines.

Good luck in pulling your info together. There should be quite a bit out
there.
73, Bob N6WG

Date: Tue, 21 Jan 2003 11:33:27 -0500

From: "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
To: <richard_johnson@credence.com>
Cc: "qrp-1" <qrp-1@lehigh.edu>
Subject: [144975] Re: RC filters on amps
Message-ID: <000801c2c16a\$d3637540\$07ea7182@mcmaster.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard,

Yes, you'd want to make the series-R as large as possible. How much Vcc current flows limits how large R can be. Too much R decreases Vcc voltage getting to the device.

For RF applications, R is sometimes replaced with a choke or ferrite bead. This helps two ways: no DC voltage drop due to Vcc current, and improved isolation at VHF frequencies.

How to choose C? For audio stages, C is often electrolytic, and quite large. To curb motorboating, it must be VERY large, in order to have a low impedance at a frequency of a few hertz - hundreds of microfarads.

If series R is 100 ohms, and C is 100uf, this filter does little to isolate frequencies below 16 Hz. In such a case, the transistor capacitor multiplier (one transistor, one resistor, and one capacitor) is a better solution to isolate Vcc.

For RF stages, electrolytics have too much internal resistance. For common I.F. frequencies 0.1uf monolithic or disk ceramic capacitors are OK. At higher HF frequencies, 0.01uf may filter more effectively. At this point, the inductance of the capacitor's leads is a consideration...this is why bypass capacitors at ever higher frequencies have ever lower values. At VHF, 0.001uf is better.

For surface mount, inductance is less problematic, and RF bypass capacitors may have somewhat larger values.

----- Original Message -----

From: "Richard Johnson" <richard_johnson@credence.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 20, 2003 9:22 PM
Subject: RC filters on amps

> People:

>

> Am looking for insight into the RC filter placed on the power terminal
> of op-amps, MC1350 IF amps and transistor RF & AF amplifier stages.
>
> In detail there is a R between +12 volts and the Vcc terminal and a C,
> bypass cap from the amp terminal to ground. The R can be from 10 to 150
> (what i've seen). The C can be from 0.001uF to 100uF.
>
> My first level of understanding is pick the RC as a filter to cut down
> the RF from getting into the device or isolating each stage from the
> other. Another idea is to pick the R such that it does not drop too
> much voltage.
>
> Now what are other considerations for picking the values of the R and C?
>

Date: Tue, 21 Jan 2003 12:02:33 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: WD8CIV@worldnet.att.net,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144976] Re: 2 transistor GDO?
Message-ID: <5.2.0.9.2.20030121115912.01e63188@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Dave... none that I can see... perhaps, due to the balanced nature of
the circuit, the sinewave would be better... and you get even harmonic
cancelling... but I should think that dual 250pf tuning capacitor would be
a bitch to find in a size compatible with an appropriately small
battery-powered case.

///snip

>I ran across a schematic on the Web of a dip oscillator that uses 2 JFETs
>in a multivibrator configuration:
>
><http://www.qsl.net/iz7ath/web/02_brew/15_lab/02_dipper/english/pag08_eng.htm>
>
>Are there any advantages to doing this instead of a more traditional
>single-device oscillator?
>
>Dave Hinerman
>WD8CIV@worldnet.att.net

///snip

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 21 Jan 2003 11:27:32 -0600
From: "res075cz" <res075cz@gte.net>
To: <n6wg@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144977] Re: Homebrew AM?
Message-ID: <010a01c2c172\$622946e0\$0f972804@dslverizon.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good gosh, I got a Webster BandSpanner sitting way back in my closet and it has been there for many years. Yup, they were nice when you wanted to work all bands mobile.

73 de Jim, K5ROV...

James (Jim) Parsons, K5ROV, CMSgt (E-9), USAF, Ret., San Angelo, TX
Ham for over 60 yrs. 90% CW
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

----- Original Message -----

From: "Bob Tellefsen" <n6wg@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, January 21, 2003 10:26 AM
Subject: Re: Homebrew AM?

> Barry
> During my college years in Seattle I ran 4w AM mobile with a Webster
> BandSpanner
> mobile antenna. Wonder if anyone still remembers those? I worked all
over
> the
> Northwest in the middle of the day with that rig.
>
> Anyway, the rig was a 6AU6 xtal oscillator driving a 5763 PA, and
modulated
> by a
> pair of 6AQ5s in push-pull. I used a carbon mike with a transformer
> designed to
> drive the push-pull 6AQ5 grids directly from the carbon mike output.
>
> I took power from the 200v 100ma power supply in my Gonset mobile
> receiver. Worked out very well.
>
> This was a pretty common lineup at the time. You can probably find
> variations on
> it in many of the Handbooks from the 50's and 60's as well as the ham
> magazines.
>
> Good luck in pulling your info together. There should be quite a bit out
> there.
> 73, Bob N6WG
>
>

Date: Tue, 21 Jan 2003 09:29:38 -0800 (PST)
From: Barry N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [144978] Homebrew AM?
Message-ID: <20030121172938.19390.qmail@web13202.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks for all the responses to my posting some
really great info provided. I ll get hold of copies
of the ARRL Mobile Manual as well as Ed Noll s book.

I was aware of AM Window but now I've looked a lot closer at the pw designs and some good stuff there. Didn't see much in my 57 Handbook but let me go back and look under mobile. I've got a collection of the QST backissue CD's, but find the QST Viewer software and the indexes very difficult to use ;-(

Thanks again & 73,
Barry N1EU

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Tue, 21 Jan 2003 12:06:51 -0600
From: "Don Foster" <k5kw@geotec.net>
To: <qrp-1@Lehigh.EDU>
Subject: [144979] QRP ARCI Forwards Virus
Message-ID: <001301c2c177\$e086e100\$4c5158d8@21byq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

I have received a file for download labeled "Border.zip" that was forwarded by qrp-arci@qsl.net. In the subject line was the word "Framspacing" and the download contained the Klez virus. I'm always suspicious when there is no accompanying text, but downloaded the file to check it. My virus software recognized the virus and quarantined the file. It originated with some bozo that I have never heard of. Anybody else get this? Or was I just the "lucky" one. < g >

Don, K5KW
Fort Gibson

Date: Tue, 21 Jan 2003 14:02:31 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>

Subject: [144980] F.S. LDG AT-11MP antenna tuner
Message-ID: <000501c2c17f\$a6cc2800\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

Now that I have gone to using external remote antenna tuners I have a like-new (no scratches, dings, dents, etc) LDG AT-11MP (factory wired) that is excess to my needs.

Will ship this tuner for \$195.

73, Joe W2KJ
North Carolina

Date: Tue, 21 Jan 2003 14:08:42 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [144981] V51AS
Message-ID: <000501c2c180\$83fa7880\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

V51AS is on 28.008 Mhz at 1907 UTC calling CQ with only a few takers.

I got him with my ARGO V and 5W to CF Zepp at 50 feet.

73, Joe W2KJ

Date: Tue, 21 Jan 2003 11:24:19 -0800
From: "Chetan Bhargava" <wiz@bhargavaz.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [144982] WTB Atlas-210 X for parts
Message-ID: <00d201c2c182\$b7b3ac30\$2701a8c0@chetan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One of my friends has an Atlas 210 looking for some cards, does anyone has the rig for parts.

Thanks

73,

Chetan Bhargava KG6NFG
www.bhargavaz.net

Date: Tue, 21 Jan 2003 22:41:32 +0000
From: k4vib@att.net
To: qrp-1@Lehigh.EDU
Subject: [144983] Resistive Attenuator between DDS VFO and SA602AN
Message-ID: <20030121224134.VAHL9286.mtiwmhc11.worldnet.att.net@mtiwebc08>

I need to get the output down from the +600mV 50ohm DDS VFO to the 200mV input of the SA602AN. Not sure where to start there. Should I use one of the 50ohm to 50ohm attenuators or what should I use as an impedance value of the SA602AN pin 6 port.

I've been using a 24pF cap to get the output down but I just blew up the AD811AN chip of my DDS VFO. I'm guessing it didn't see the 50ohms it needed to see.

Thanks in advance for the help,

Bill
K4VIB

Date: Tue, 21 Jan 2003 16:59:52 -0600
From: "Don Foster" <k5kw@geotec.net>
To: <qrp-1@Lehigh.EDU>
Cc: <mgoins@usa.net>

Subject: [144984] Fw: [QRP ARCI DOES NOT Forward Virus]
Message-ID: <000801c2c1a0\$cfb578e0\$b95158d8@21byq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry, Mike and all. I guess I did mistate the forwarding address. Should have said it had the "appearance" of coming from QRP ARCI, but that was a bogus address for the sender. Please accept my apology. Err in haste, repent at leasure..as the saying goes.

Don, K5KW

----- Original Message -----
From: <mgoins@usa.net>
To: <k5kw@geotec.net>
Sent: Tuesday, January 21, 2003 2:18 PM
Subject: Re: [QRP ARCI Forwards Virus]

It was not forwarded by QRP-ARCI, the organization, as you implied with the header, but by someone using that as an address. Not the same, and I wish you'd clear that up. The organization did not send you a virus-infected email.

mike
wb5yjx
managing editor
QRP Quarterly
QRP-ARCI 3922, SOC 54, Flying Pig 447, QRP-L 2130
Adventure Radio 810, Alaska QRP 514, QCWA 30857

End of QRP-L Digest 2807

